

EDWARDS' BUTTERFLIES N. A.

The plates of the concluding part of Edwards' great work on North American butterflies, are entirely devoted to species of *Chionobas*, all containing abundant illustrations of the early stages. In the volume now concluded, moreover, Edwards has figured with a wealth of illustrations the complete or almost complete life-histories of no less than a dozen species of this boreal genus, which would seem, from the out of the way places one must reach to find the insect at all, to be the most difficult genus of our butterflies to treat in this way. It is a monument to the author's energy and skill. Numerous supplementary notes on various butterflies are added to this concluding Part, besides an index to the three quarto volumes now issued. We can but congratulate the author on the handsome completion of his nearly thirty years' work, but we wish they were more to come.

PROCEEDINGS OF THE CLUB.

11 December, 1896.—The 145th meeting was held at Mr. S. Henshaw's, Mercer Circle, Cambridge. Mr. J. W. Folsom in the chair; Mr. W. L. W. Field was chosen secretary pro tempore.

Mr. S. Henshaw exhibited a specimen of a tropical cockroach (*Hormetica* sp.), captured in Belmont, Mass.; it is supposed to have been brought north in a bunch of bananas.

Mr. W. L. W. Field told of the capture of a male and female of *Libythea bachmani* in Milton, Mass., on July 17 and Aug. 9, respectively, by Mr. C. O. Zerrahn; and of the capture of a single battered male of *Meganotoma caesonina* in Alstead, N. H. on July 25, 1896 by Mr. James A. Field.

Mr. J. W. Folsom exhibited a collection of miscellaneous specimens, mostly spiders and cochroaches, the result of a visit to a banana vessel now discharging her cargo in Boston.

8 January, 1897.—The 196th regular and 20th annual meeting (since incorporation) was held at 156 Brattle St., Mr. A. P. Morse in the Chair.

The several annual reports were read.

The following officers were elected: President, H. G. Dyar of New York; Secretary, Roland Hayward; Treasurer, Samuel Henshaw; Librarian, Samuel H. Scudder; Executive Committee at large, A. P. Morse and S. H. Scudder.

The annual address of the retiring President, H. S. Pratt, on Imaginal Discs in Insects, was read by S. H. Scudder. (Printed in *Psyche* for February).

The Treasurer and Secretary were appointed a committee to revise the list of Active Members of the Club.

Mr. A. G. Mayer read a paper on a new hypothesis of seasonal dimorphism in Lepidoptera, which was discussed by Messrs. Scudder, Morse and Folsom, and will appear in full in *Psyche*.

Mr. S. H. Scudder stated that during a few days collecting on Mt. Desert Isl., Me., in the latter part of August, he only came across 13 different kinds of Orthoptera and none of them were very abundant. On the top of one of the highest mountains, Mt. Sargent (about 1400'), *Melanoplus manicus* and *M. fasciatus* were found, which did not occur below, but *M. atlantis* was common and *M. femur-rubrum* not observed, while at low levels *M. atlantis* was scarce and *M. femur-rubrum* common. Besides the latter species, the only common forms at the lower levels were *Nemobius fasciatus*, *Camnula pellucida*, *Circotettix verruculatus*, *Stenobothrus curtippennis*, *Orphula maculipennis*, and *Melanoplus femoratus*. Hardly a single locustarian was seen and very few indeed heard. The other species noted were *Scudderia pistillata*, *Monotettix cristatus* and *Chortophaga viridifasciata*. Only 7 species of butterflies were seen and insects of all sorts were exceptionally scarce.

Mr. Scudder also stated that he had received from Prof. C. M. Weed the Orthoptera he collected in Bermuda on a recent visit. There were but six species; *Labidura riparia*, *Periplaneta australasiae*, *Leucophaea surinamensis*, *Orphula olivacea*, *Conocephalus fusco-striatus* and a species of *Gryllus* apparently new.

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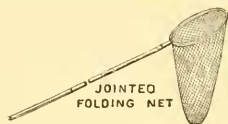
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